TABLE 7

FUEL CONSUMPTION OF FURNACES, POUNDS PER M (FROM VARIOUS SOURCES)

Brick kilns, Hoffman kilns, well built..... 280 to 340
Grates and troughs..... 340 to 450
Ruabon kiln..... 420 to 660
Staffordshire kiln..... 340 to 450
Buhrer continuous tunnel..... 230 to 280

C. E. Longnecker, pulverized coal consumption, pounds per ton *(Iron Age,* Feb. 6, 1919):

Puddling.....	1000
Busheling.....	400 to 500
Bfllet heating.....	160 to 180
Forging.....	400
Sheet annealing.....	200
Sheet and pair.....	300
Tin plate mill.....	170
Open-hearth.....	500 to 600
Copper reverberatory.....	300
Tin smelting.....	1400
Galvanizing pots.....	100
Tire furnaces.....	330
Wheel.....	600
Continuous bloom furnaces.....	100 to 150
Rivet making.....	90
Steam boilers.....	,3.5 pounds per bhp per hour

Soaking pits, hot ingots.....	100 to 125
Reheating cold blooms.....	140 to 200
Continuous furnaces, cold billets.....	140 to 195

Open-hearth furnaces (G. L. Luctschcr):

Natural gas.....	5600 to 6000 ft^3 per ton
Coal.....	500 to 650 pounds per ton
Oil.....	45 gallons per ton
Basic furnaces.....	790 pounds per ton
Acid furnaces.....	780 to 860 pounds per ton

Billet heating 4 inches square cold. . 200 to 250 pounds per ton